

CHEST COMPRESSOR

ABSTRACT OF THE DISCLOSURE

5 Apparatus for compressing the chest of a patient to stimulate blood
circulation, includes a torso wrap (32) that has a back portion (40) lying at the
back of the patient's chest and a front portion (42) lying at the front of the patient's
chest, and includes a compressor assembly with an actuator (16) having a
10 pressing member (12) that can apply a series of force pulses to the sternum of the
patient to stimulate blood circulation. The actuator is energized by pressured
fluid, with a controlled pressured fluid source (20) connected by an elongated
flexible hose (24) to the actuator so the pressured fluid source and a control (22)
can lie on the ground and only the actuator lies on the torso wrap. The actuator
15 includes a cylinder (66) and a plurality of telescoping piston parts (64, 66) to
provide a long stroke in an actuator of small height. A stabilizer (150) that limits
tilt of the actuator from the vertical, includes a saucer-shaped member that
presses against the front of the patient.